

**WHAT IS CLAIMED IS:**

1           1. A node of a communications network which dynamically establishes one or  
2 more access bearers to a stationary equipment unit which is connected to the node by an  
3 essentially fixed location physical link.

1           2. A node of a communications network which dynamically establishes one or  
2 more access bearers to a stationary equipment unit which is connected to the node by an  
3 essentially fixed location physical link, differing ones of the multiple access bearers  
4 being configured for utilization by differing types of media services.

1           3. The apparatus of claim 2, wherein the one or more access bearers carry  
2 connections for plural services of its associated type of media service.

1           4. A node of a communications network which dynamically establishes plural  
2 access bearers to a stationary equipment unit which is connected to the node by an  
3 essentially fixed location physical link, the access bearers providing different types of  
4 services to the stationary equipment unit, the different types of services including one  
5 of voice services, video services, and data traffic services.

1           5. A node of a communications network comprising:  
2           a port by which the node is connectable by an essentially fixed location physical  
3 link to a stationary equipment unit;  
4           a connection control unit which dynamically establishes one or more access  
5 bearers for providing services to the stationary equipment unit;  
1           a bearer service processing unit which maps the access bearers into packets of a  
2 transport protocol of the essentially fixed location physical link.

1           6. The apparatus of claims 1, 2, 4, or 5, wherein the node establishes multiple  
2 simultaneous access bearers.

1           7. The apparatus of claims 1, 2, 4, or 5, wherein the multiple access bearers do  
2 not necessarily have a same bandwidth and a same quality of service capabilities.

1           8. The apparatus of claims 1, 2, 4, or 5, wherein the multiple access bearers do  
2 not have a same bandwidth and a same quality of service capabilities.

1           9. The apparatus of claims 1, 2, 4, or 5, wherein the multiple simultaneous  
2 access bearers include both circuit switched access bearers and packet switched access  
3 bearers.

1           10. The apparatus of claims 1, 2, or 5, wherein the node establishes access  
2 bearers for providing different types of services to the stationary equipment unit, the  
3 different types of services including one of voice services, video services, and data  
4 traffic services.

1           11. The apparatus of claims 1, 2, 4, or 5, wherein the essentially fixed location  
2 physical link is one of the following: (1) a wire line link; (2) an optical link; (3) a  
3 radio link of a radio access network which does not involve mobility management.

1           12. The apparatus of claim 5, wherein the packets of the transport protocol are  
2 one of Internet Transport Protocol (IP) packets and Asynchronous Transfer Mode  
3 (ATM) packets.

1           13. The apparatus of claim 5, wherein the bearer service processing unit maps  
2 the multiple access bearers into packets of the transport protocol of the essentially fixed  
3 location physical link.

1           14. A method of operating a communications network comprising:  
2           connecting a stationary equipment unit to an access interface node by an  
3 essentially fixed location physical link;  
4           dynamically establishing one or more access bearers for providing services to  
5 the stationary equipment unit;  
1           mapping the access bearers into packets of a transport protocol of the essentially  
2 fixed location physical link.

1           15. A method of operating a communications network comprising:  
2           connecting a stationary equipment unit to an access interface node by an  
3 essentially fixed location physical link;

4           dynamically establishing one or more access bearers for providing services to  
5 the stationary equipment unit, differing ones of the multiple access bearers being  
6 configured for utilization by differing types of media services;

1           mapping the access bearers into packets of a transport protocol of the essentially  
2 fixed location physical link.

1           16. The method of claim 15, further comprising carrying, on at least one of the  
2 multiple access bearers, connections for plural services of its associated type of media  
3 service.

1           17. A method of operating a communications network comprising:  
2           connecting a stationary equipment unit to an access interface node by an  
3 essentially fixed location physical link;  
4           dynamically establishing plural access bearers for providing services to the  
5 stationary equipment unit, the access bearers providing different types of services to the  
6 stationary equipment unit, the different types of services including one of voice  
7 services, video services, and data traffic services  
1           mapping the plural access bearers into packets of a transport protocol of the  
2 essentially fixed location physical link.

1           18. The method of claims 14, 15, or 17, further comprising establishing multiple  
2 simultaneous access bearers to the stationary equipment unit.

1           19. The method of claim 14, 15, or 17, further comprising configuring the  
2 multiple simultaneous access bearers to have different bandwidths and different quality  
3 of service capabilities.

1           20. The method of claim 14, 15, or 17, wherein the multiple simultaneous  
2 access bearers include both circuit switched access bearers and packet switched access  
3 bearers.

1           21. The method of claim 14 or 15, further comprising establishing access  
2 bearers for providing different types of services to the stationary equipment unit, the  
3 different types of services including one of a voice service, a video service, and a data  
4 traffic service.

1           22. The method of claim 14, 15, or 17, wherein the essentially fixed location  
2 physical link is one of the following: (1) a wire line link; (2) an optical link; (3) a  
3 radio link of a radio access network which does not involve mobility management.

1           23. The method of claim 14, 15, or 17, further comprising using as the packets  
2 of the transport protocol one of Internet Transport Protocol (IP) packets and  
3 Asynchronous Transfer Mode (ATM) packets.

1           24. A stationary equipment unit comprising:  
2 means for forming a physical connection to a network by a non-radio fixed  
3 position physical link;  
4 means for executing plural media services;  
5 a protocol stack which, for the plural media services, utilizes dynamically  
6 established access bearers which are mapped into packets of a transport protocol of the  
7 essentially fixed location physical link.

1           25. The apparatus of claim 24, wherein differing ones of the multiple access  
2 bearers are configured for utilization by differing types of media services.

1           26. The apparatus of claim 25, wherein the different types of services including  
2 one of voice services, video services, and data traffic services.

1           27. The apparatus of claim 24, wherein the multiple access bearers do not  
2 necessarily have a same bandwidth and a same quality of service capabilities.

1           28. The apparatus of claim 24, wherein the multiple simultaneous access bearers  
2 include both circuit switched access bearers and packet switched access bearers.

1           29. The apparatus of claim 24, wherein the essentially fixed location physical  
2 link is one of the following: (1) a wire line link; (2) an optical link; (3) a radio link of  
3 a radio access network which does not involve mobility management..

1           30. The apparatus of claim 24, wherein the packets of the transport protocol are  
2 one of Internet Transport Protocol (IP) packets and Asynchronous Transfer Mode  
3 (ATM) packets.

1           31. The apparatus of claim 24, further comprising means for providing mobile  
2   termination across a radio interface.

1           32. The apparatus of claim 24, further comprising a USIM card.